Day : Wednesday

PALM INTRANET

Date: 4/27/2005
Time: 14:55:40

Inventor Name Search Result

Your Search was:

Last Name = COATES
First Name = WILLIAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	COATES, WILLIAN JOHN

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** Coates **First Name** WIllian Search

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Day : Wednesday

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Date: 4/27/2005
Time: 14:55:58

Inventor Name Search Result

Your Search was:

Last Name = PEARSON
First Name = NEIL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60423871	Not Issued	159	11/05/2002	QUINOLINES AND NITROGENATED DERIVATIVES THEREOF AND THEIR USE AS ANTIBACTERIAL AGENTS	PEARSON, NEIL
60430908	Not Issued	159	12/04/2002	QUINOLINES AND NITROGENATED DERIVATIVES THEREOF AND THEIR USE AS ANTIBACTERIAL AGENTS	PEARSON, NEIL
60434729	Not Issued	159	12/18/2002	ANTIBACTERIAL AGENTS	PEARSON, NEIL
60457013	Not Issued	159	03/24/2003	ANTIBACTERIAL AGENTS	PEARSON, NEIL
60469602	Not Issued	159	05/07/2003	QUINOLINES AND NITROGENATED DERIVATIVES THEREOF AND THEIR USE AS ANTIBACTERIAL AGENTS	PEARSON, NEIL
60220635	Not Issued	159	07/25/2000	COMPOUNDS AND METHODS FOR THE TREATMENT OF NEOPLASTIC DISEASE	PEARSON, NEIL D.
60220791	Not Issued	159	07/25/2000	COMPOUNDS ND METHODS FOR THE TRETMENT OF DISEASE	PEARSON, NEIL D.
60391593	Not Issued	159	06/26/2002	COMPOUNDS	PEARSON, NEIL D.
60391699	Not Issued	159	06/26/2002	COMPOUNDS	PEARSON, NEIL D.
60391700	Not Issued	159	06/26/2002	COMPOUNDS	PEARSON, NEIL D.
60391710	Not Issued	159	06/26/2002	COMPOUNDS	PEARSON, NEIL D.
60460961	Not Issued	159	04/07/2003	COMPOUNDS	PEARSON, NEIL D.

60531867	Not Issued	159	12/23/2003	COMPOUNDS	PEARSON, NEIL D.
60532084	Not Issued	159	12/23/2003	COMPOUNDS	PEARSON, NEIL D.
07373147	Not Issued	161	06/28/1989	NOVEL COMPOUNDS	PEARSON, NEIL D.
07525333	Not Issued	161	05/17/1990	NOVEL COMPOUNDS	PEARSON, NEIL D.
07965294	Not Issued	161	03/12/1993	DERIVATIVES OF MUPIROCIN	PEARSON, NEIL D.
08374597	5536745	150	01/23/1995	(HETERO)-ARYL KETONES DERIVATIVES WITH ANTIBACTERIAL PROPERTIES	PEARSON, NEIL D.
08438885	Not Issued	161	05/10/1995	NOVEL QUINOLONE DERIVATIVES AND PROCESSES FOR THE PREPARATION THEREOF	PEARSON, NEIL D.
08568065	Not Issued	161	12/06/1995	DERIVATIVES OF MUPIROCIN	PEARSON, NEIL D.
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	PEARSON, NEIL DAVID
09807341	6602882	150	05/24/2001	QUINOLINE DERIVATIVES AND THEIR USE AS ANTIBACTERIAL AGENTS	PEARSON, NEIL DAVID
09889820	Not Issued	041	09/20/2001	PIPERIDINYLQUINOLINES AS ANTIBACTERIAL AGENTS	PEARSON, NEIL DAVID
09912483	6803369	150	07/25/2001	COMPOUNDS AND METHODS FOR THE TREATMENT OF NEOPLASTIC DISEASE	PEARSON, NEIL DAVID
09912610	Not Issued	161	07/25/2001	COMPOUNDS AND METHODS FOR THE TREATMENT OF DISEASE	PEARSON, NEIL DAVID
10018900	Not Issued	094	08/01/2002	QUINOLINE DERIVATIVES AS ANTIBACTERIALS	PEARSON, NEIL DAVID
10031768	Not Issued	161	07/17/2002	COMPOUNDS	PEARSON, NEIL DAVID
10031844	Not Issued	071	07/17/2002	AMINOPIPERIDINE DERIVATIVES AS ANTIBACTERIALS	PEARSON, NEIL DAVID
10032403	Not Issued	041	12/20/2001	NAPHTHRYDINE COMPOUNDS AND THEIR AZAISOSTERIC ANALOGUES AS ANTIBACTERIALS	PEARSON, NEIL DAVID
10199933	Not	071	07/19/2002	COMPOUNDS AND METHODS	PEARSON, NEIL

	Issued			FOR THE TREATMENT OF DISEASE	DAVID
10333829	Not Issued	071	08/28/2003	AMINOPIPERIDINE QUINOLINES AND THEIR AZAISOSTERIC ANALOGUES WITH ANTIBACTERICAL ACTIVITY	PEARSON, NEIL DAVID
10380915	Not Issued	071	09/04/2003	QUINOLINE DERIVATIVES AS ANTIBACTERIALS	PEARSON, NEIL DAVID
10441435	Not Issued	041	05/20/2003	COMPOUNDS AND METHODS FOR THE TREATMENT OF NEOPLASTIC DISEASE	PEARSON, NEIL DAVID
10450884	Not Issued	030	11/13/2003	PIPERAZINE DERIVATIVES FOR TREATMENT OF BACTERIAL INFECTIONS	PEARSON, NEIL DAVID
10450892	Not Issued	030	11/13/2003	QUINOLINES AND NITROGENATED DERIVATIVES THEREOF SUBSTITUTED IN 4-POSITION BY A PIPERAZINE-CONTAINING MOIETY AND THEIR USE AS ANTIBACTERIAL AGENTS	PEARSON, NEIL DAVID
10466394	Not Issued	030	01/26/2004	QUINOLINES AND NITROGENATED DERIVATIVE THEROF SUBSTITUTED IN 4-POSITION BY A PIPERIDINE-CONTAINING MOIETY AND THEIR USE AS ANTIBACTERIAL AGENTS	PEARSON, NEIL DAVID
10477900	Not Issued	041	05/24/2004	BICYCLIC NITROGEN-CONTAINING HETEROCYCLIC DERIVATIVES FOR USE AS ANTIBACTERIALS	PEARSON, NEIL DAVID
10478154	Not Issued	071	04/06/2004	NITROGEN-CONTAINING BICYCLIC HETEROCYCLES FOR USE AS ANTIBACTERIALS	PEARSON, NEIL DAVID
10484563	Not Issued	071	05/24/2004	MEDICAMENTS	PEARSON, NEIL DAVID
10502233	Not Issued	020	07/22/2004	AMINOPIPERIDINE DERIVATIVES	PEARSON, NEIL DAVID
10502234	Not Issued	020	07/22/2004	AMINOPIPERIDINE COMPOUNDS, PROCESS FOR THEIR PREPARATION, AND PHARMACEUTICAL COMPOSITIONS CONTAINING	PEARSON, NEIL DAVID

				THEM	
10720788	Not Issued	092	11/24/2003	COMPOUNDS	PEARSON, NEIL DAVID
10868315	Not Issued	030	06/15/2004	COMPOUNDS AND METHODS FOR THE TREATMENT OF DISEASE	PEARSON, NEIL DAVID
09180370	Not Issued	161	05/26/1999	METHOD FOR SCREENING COMPOUNDS WHICH INTERACT WITH THE L-ENANTIOMER OF A TARGET RNA	PEARSON, NEIL DAVID

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** Pearson **First Name** Neil Search

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Day : Wednesday

PALM INTRANET

Date: 4/27/2005
Time: 14:56:36

Inventor Name Search Result

Your Search was:

Last Name = RAHMAN
First Name = SHAHZAD

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09336233	Not Issued	161	06/18/1999	COMPOUNDS	RAHMAN, SHAHZAD
60003644	Not Issued	159	09/12/1995	METHOD	RAHMAN, SHAHZAD
07934550	Not Issued	161	09/13/1993	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
08039043	Not Issued	161	05/04/1993	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
08129161	Not Issued	161	10/06/1993	AZALACTAM HYDROXAMIC ACID DERIVATIVES AS COLLAGENASE INHIBITORS	RAHMAN, SHAHZAD S.
08667057	Not Issued	164	06/20/1996	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
08684533	Not Issued	161	07/19/1996	METHOD	RAHMAN, SHAHZAD S.
08909639	Not Issued	161	08/12/1997	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
09291589	Not Issued	161	04/12/1999	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
60000420	Not Issued	159	06/22/1995	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
60023390	Not Issued	159	08/13/1996	NOVEL COMPOUNDS	RAHMAN, SHAHZAD S.
60090664	Not Issued	159	06/25/1998	COMPOUNDS	RAHMAN, SHAHZAD S.
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	RAHMAN, SHAHZAD SHAROOQ
10019105	Not Issued	041	12/20/2001	AZOLYLBENZAMIDES AND ANALOGUES AND THEIR USE FOR TREATING OSTEOPOROSIS	RAHMAN, SHAHZAD SHAROOQ

10503678	Not Issued	030	08/04/2004	7-ARYLSULFONAMIDO-2,3,4,5-TETRAHYDRO-1H-BENZO'DIAZEPINE DERIVATIVES WITH 5HT6 RECEPTOR AFFINITY FOR THE REATMENT OF CNS DISORDERS	RAHMAN, SHAHZAD SHAROOQ
10868090	Not Issued	030	06/14/2004	AZOLYLBENZAMIDES AND ANALOGUES AND THEIR USE FOR TREATING OSTEOPOROSIS	RAHMAN, SHAHZAD SHAROOQ

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** Rahman **First Name** Shahzad Search

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Day : Wednesday

PALM INTRANET

Date: 4/27/2005
Time: 14:56:59

Inventor Name Search Result

Your Search was:

Last Name = GWYNN
First Name = MICHAEL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09153277	6331411	150	09/15/1998	TOPA	GWYNN, MICHAEL
09238477	Not Issued	161	01/28/1999	MVD FROM STREPTOCOCCUS PNEUMONIAE	GWYNN, MICHAEL
09238478	Not Issued	161	01/28/1999	MVK	GWYNN, MICHAEL
09240816	6306633	150	02/01/1999	POLYNUCLETIDES ENCODING MEVALONATE KINASE FROM STREPTOCOCCUS PNEUMONIAE	GWYNN, MICHAEL
09241750	6352840	150	02/01/1999	PSKG	GWYNN, MICHAEL
09275742	6130069	150	03/24/1999	ISPA	GWYNN, MICHAEL
09275743	Not Issued	161	03/24/1999	PKSG	GWYNN, MICHAEL
09276246	Not Issued	164	03/25/1999	POLYNUCLEOTIDES ENCODING THE 3-HYDROXY - 3METHYLGLUTARYL-COENZYME A REDUCTASE OF STREPTOCOCCUS PNEUMONIAE, MVAA	GWYNN, MICHAEL
09276873	6107058	150	03/26/1999	ISPA FROM STAPHYLOCOCCUS AUREUS	GWYNN, MICHAEL
09277113	Not Issued	164	03/26/1999	MVD	GWYNN, MICHAEL
09290760	Not Issued	161	04/13/1999	MVAA	GWYNN, MICHAEL
09594266	Not Issued	161	06/15/2000	ISPA	GWYNN, MICHAEL
09595940	Not Issued	161	06/16/2000	MEVALONATE PATHWAY GENES	GWYNN, MICHAEL

09635547	Not Issued	161	08/10/2000	ISPA	GWYNN, MICHAEL
09635554	Not Issued	161	08/10/2000	ISPA	GWYNN, MICHAEL
09912483	6803369	150	07/25/2001	COMPOUNDS AND METHODS FOR THE TREATMENT OF NEOPLASTIC DISEASE	GWYNN, MICHAEL
09912610	Not Issued	161	07/25/2001	COMPOUNDS AND METHODS FOR THE TREATMENT OF DISEASE	GWYNN, MICHAEL
10011246	Not Issued	160	12/06/2001	NOVEL COMPOUNDS	GWYNN, MICHAEL
10023484	Not Issued	160	12/17/2001	NOVEL COMPOUNDS	GWYNN, MICHAEL
10199933	Not Issued	071	07/19/2002	COMPOUNDS AND METHODS FOR THE TREATMENT OF DISEASE	GWYNN, MICHAEL
10243291	Not Issued	019	09/13/2002	NOVEL COMPOUNDS	GWYNN, MICHAEL
10265067	Not Issued	160	10/04/2002	NOVEL COMPOUNDS	GWYNN, MICHAEL
10441435	Not Issued	041	05/20/2003	COMPOUNDS AND METHODS FOR THE TREATMENT OF NEOPLASTIC DISEASE	GWYNN, MICHAEL
10444360	Not Issued	160	05/23/2003	NOVEL COMPOUNDS	GWYNN, MICHAEL
10444611	Not Issued	019	05/23/2003	NOVEL COMPOUNDS	GWYNN, MICHAEL
10760948	Not Issued	160	01/20/2004	NOVEL COMPOUNDS	GWYNN, MICHAEL
10779286	Not Issued	160	02/13/2004	NOVEL COMPOUNDS	GWYNN, MICHAEL
10868315	Not Issued	030	06/15/2004	COMPOUNDS AND METHODS FOR THE TREATMENT OF DISEASE	GWYNN, MICHAEL
10937468	Not Issued	020	09/09/2004	COMPOUNDS AND METHODS FOR THE TREATMENT OF DISEASE	GWYNN, MICHAEL
10979300	Not Issued	019	11/02/2004	NOVEL COMPOUNDS	GWYNN, MICHAEL
10979634	Not Issued	019	11/02/2004	NOVEL COMPOUNDS	GWYNN, MICHAEL
11061820	Not Issued	019	02/18/2005	NOVEL COMPOUNDS	GWYNN, MICHAEL

60140519	Not Issued	159	06/22/1999	MEVALONATE PATHWAY GENES	GWYNN, MICHAEL
60146682	Not Issued	159	08/02/1999	MEVALONATE PATHWAY GENES	GWYNN, MICHAEL
60220635	Not Issued	159	07/25/2000	COMPOUNDS AND METHODS FOR THE TREATMENT OF NEOPLASTIC DISEASE	GWYNN, MICHAEL
60220791	Not Issued	159	07/25/2000	COMPOUNDS ND METHODS FOR THE TRETMENT OF DISEASE	GWYNN, MICHAEL
60028370	Not Issued	159	10/15/1996	NOVEL TOPOISOMERASE 1	GWYNN, MICHAEL N
08946475	6013505	150	10/07/1997	TOPOISOMERASE I	GWYNN, MICHAEL N.
08949584	5962303	150	10/14/1997	NOVEL TOPOISOMERASE III	GWYNN, MICHAEL N.
08949588	6025156	150	10/14/1997	NOVEL TOPOISOMERASE III	GWYNN, MICHAEL N.
08949637	5910414	150	10/14/1997	TOPOISMERASE I OF STREPTOCOCCUS PNEUMONIAE	GWYNN, MICHAEL N.
09291488	6251387	150	04/14/1999	NOVEL TOPOISOMERASE I	GWYNN, MICHAEL N.
09299861	6277620	150	04/26/1999	NOVEL TOPOISOMERASE III	GWYNN, MICHAEL N.
09310669	6156310	150	05/12/1999	NOVEL TOPOISOMERASE III	GWYNN, MICHAEL N.
09340479	6274139	150	06/30/1999	TOPOISOMERASE I	GWYNN, MICHAEL N.
60027973	Not Issued	159	10/08/1996	BACTERIAL TOPOISOMERASE I	GWYNN, MICHAEL N.
60028417	Not Issued	159	10/15/1996	NOVEL TOPOISOMERASE III	GWYNN, MICHAEL N.
60028603	Not Issued	159	10/15/1996	NOVEL TOPOISOMERASE III	GWYNN, MICHAEL N.
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	GWYNN, MICHAEL NORMAN

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** Gwynn **First Name** Michael Search

Day : Wednesday

PALM INTRANET

Date: 4/27/2005
Time: 14:57:27

Inventor Name Search Result

Your Search was:

Last Name = MASTERS
First Name = PHILIP

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	MASTERS, PHILIP JOHN

Inventor Search Completed: No Records to Display.

Search Another: Inventor Last Name: Masters First Name: Philip Search

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Day : Wednesday

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Date: 4/27/2005
Time: 14:57:41

Inventor Name Search Result

Your Search was:

Last Name = HATTON
First Name = IAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	HATTON, IAN KEITH
09807275	Not Issued	160	01/01/0001	NAPHTHRYDINE COMPOUNDS AND THEIR AZAISOSTERIC ANALOGUES AS ANTIBACTERIALS	HATTON, IAN KEITH
10032403	Not Issued	041	12/20/2001	NAPHTHRYDINE COMPOUNDS AND THEIR AZAISOSTERIC ANALOGUES AS ANTIBACTERIALS	HATTON, IAN KEITH

Inventor Search Completed: No Records to Display.

Search Another: Inventor Last Name: Hatton First Name: Ian Search

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Day : Wednesday

PALM INTRANET

Date: 4/27/2005
Time: 14:57:53

Inventor Name Search Result

Your Search was:

Last Name = SLOCOMBE
First Name = BRIAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
06363487	4481210	150	03/30/1982	METHOD OF TREATMENT	SLOCOMBE, BRIAN
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	SLOCOMBE, BRIAN

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** Slocombe **First Name** Brian Search

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Day : Wednesday

PALM INTRANET

Date: 4/27/2005
Time: 14:58:08

Inventor Name Search Result

Your Search was:

Last Name = WARRACK
First Name = JULIE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09600984	Not Issued	071	02/15/2001	QUINOLENE DERIVATIVES AS ANTIBACTERIALS	WARRACK, JULIE DOROTHY

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** Warrack **First Name** Julie Search

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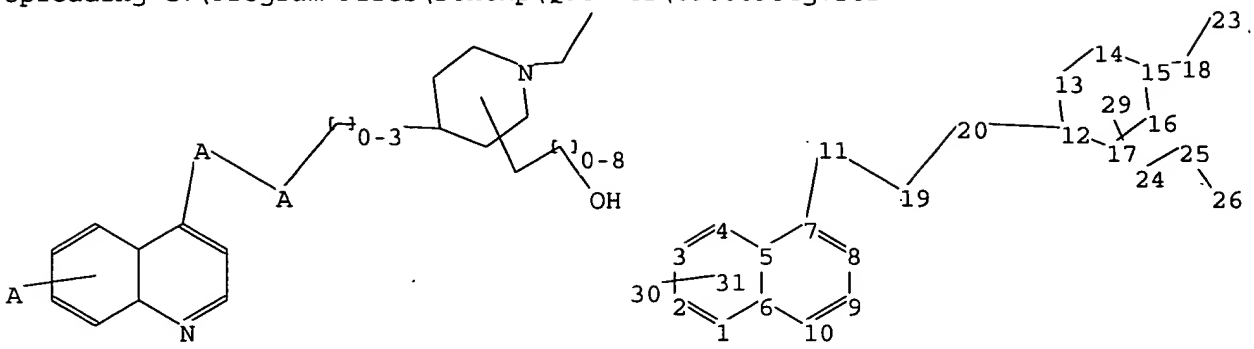

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ring nodes :
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17
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ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-17 12-13 13-14 14-15
15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 9-10 11-19 12-17 12-13
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exact bonds :
12-20 18-23 24-25

Match level :
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11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
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24:CLASS 25:CLASS 26:CLASS 29:CLASS 30:CLASS 31:CLASS

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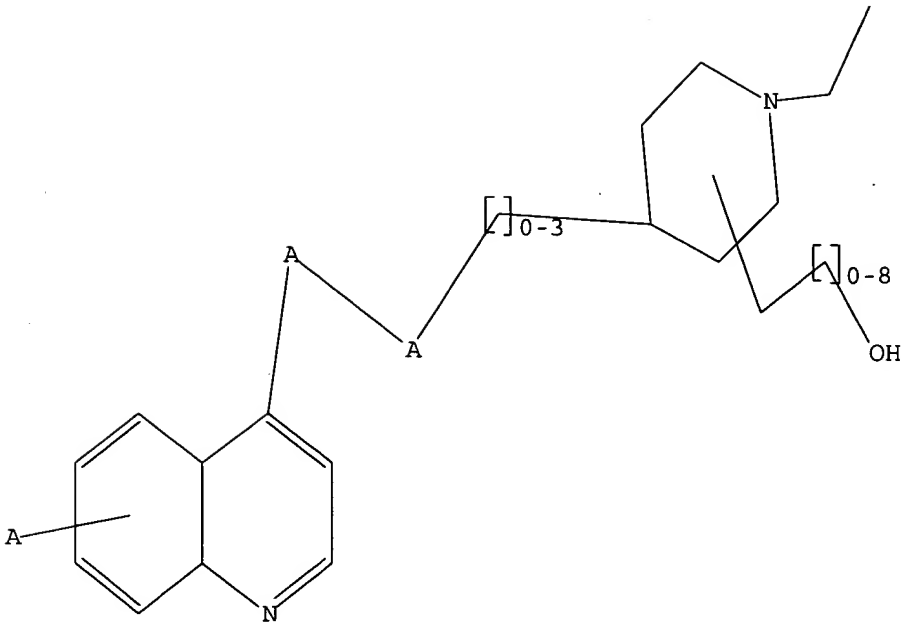

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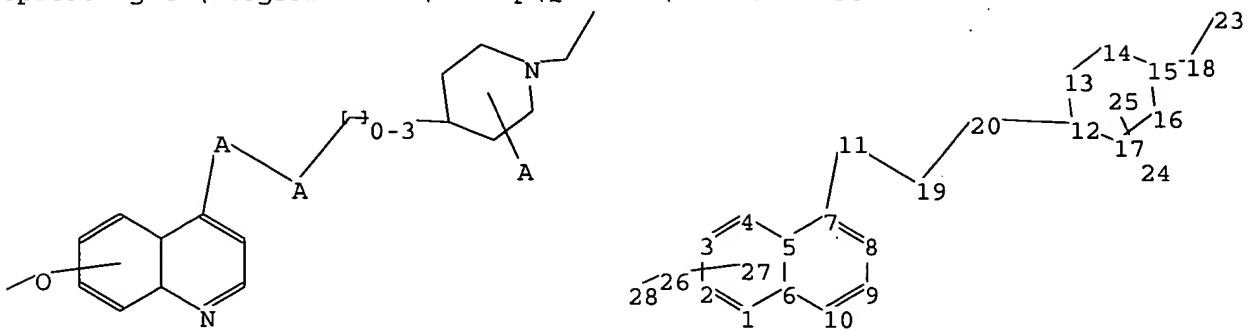

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chain bonds :
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ring bonds :
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exact bonds :
12-20 18-23

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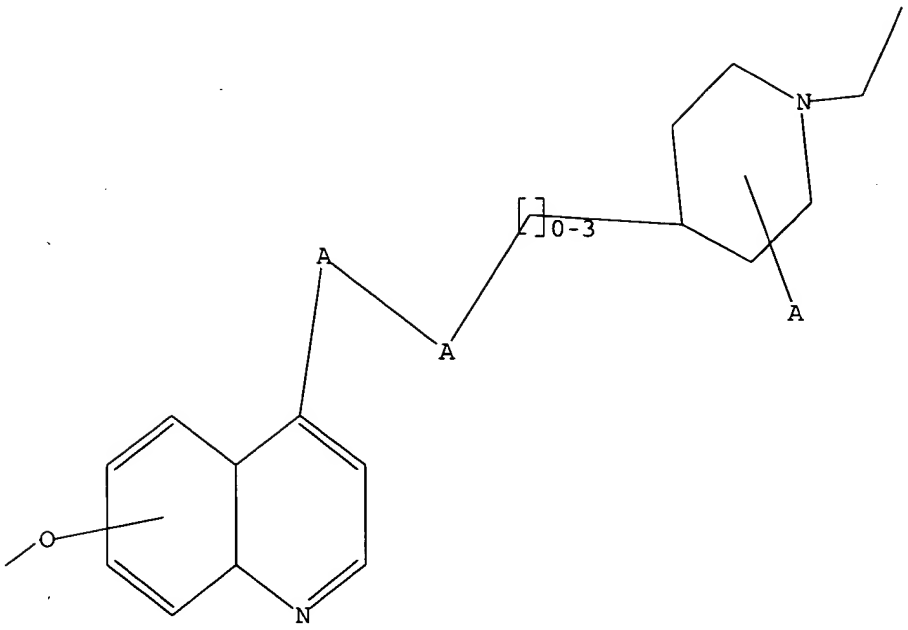

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L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:265410 CAPLUS
DOCUMENT NUMBER: 134:280720
TITLE: Quinolylpropylpiperidines with antibacterial activity
INVENTOR(S): Malleron, Jean-Luc; Tabart, Michel; Carry, Jean-Christophe; Evers, Michel; El Ahmad, Youssef; Mignani, Serge; Viviani, Fabrice
PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.
SOURCE: PCT Int. Appl., 305 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001025227	A2	20010412	WO 2000-FR2541	20000914
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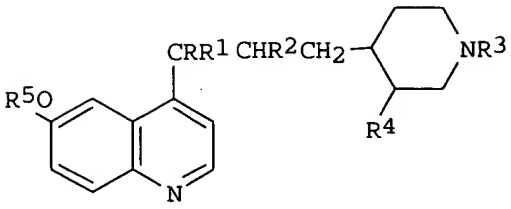
CA 2383836	AA	20010412	CA 2000-2383836	20000914
BR 2000014060	A	20020521	BR 2000-14060	20000914
EP 1218370	A2	20020703	EP 2000-962637	20000914
EP 1218370	B1	20041208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
EE 200200138	A	20030616	EE 2002-138	20000914
JP 2004527448	T2	20040909	JP 2001-528171	20000914
EP 1484328	A1	20041208	EP 2004-19136	20000914
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, LT, LV, FI, MK, CY				
AT 284399	E	20041215	AT 2000-962637	20000914
US 6403610	B1	20020611	US 2000-664959	20000918
NO 2002001253	A	20020424	NO 2002-1253	20020313
ZA 2002002073	A	20030613	ZA 2002-2073	20020313
BG 106524	A	20030131	BG 2002-106524	20020315

PRIORITY APPLN. INFO.:		
FR 1999-11679	A	19990917
US 1999-162225P	P	19991029
EP 2000-962637	A3	20000914
WO 2000-FR2541	W	20000914

OTHER SOURCE(S): MARPAT 134:280720
GI



I

AB Title compds. I [R = H, halogen, OH; R1 = H or halogen when R = halogen; R2 = H; R1R2 = bond, R = H; R3 = (un)substituted alkyl, propargyl, cinnamyl, 4-phenyl-3-butenyl; R4 = (un)esterified CO2H, CH2CO2H, CH2CH2CO2H, CH2OH; R5 = alkyl, alkenyl, alkynyl] were prepared for use as antibacterial agents (no data). Thus, (3R,4R)-4-[3-(6-methoxyquinolin-4-yl)propyl]-1-(3-phenylpropyl)piperidine-3-carboxylic acid was prepared from (3R,4R)-4-[3-(6-methoxyquinolin-4-yl)propyl]-3-vinylpiperidine by benzoylation, reaction with 1-bromo-3-phenylpropane, and ester hydrolysis.

L3 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:203175 CAPLUS
DOCUMENT NUMBER: 140:235614
TITLE: Quinolyl propyl piperidine derivatives, the preparation thereof and compositions containing same, useful as antimicrobials
INVENTOR(S): Bacque, Eric; Bigot, Antony; El Ahmad, Youssef; Malleron, Jean Luc; Mignani, Serge; Ronan, Baptiste; Tabart, Michel; Viviani, Fabrice
PATENT ASSIGNEE(S): Aventis Pharma SA, Fr.
SOURCE: Fr. Demande, 66 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2844270	A1	20040312	FR 2002-11212	20020911
WO 2004024712	A1	20040325	WO 2003-FR2686	20030910
W: AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RO, SC, SG, SY, TN, TT, UA, UZ, VC, VN, YU, ZA				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004087619	A1	20040506	US 2003-659164	20030910
PRIORITY APPLN. INFO.:			FR 2002-11212 A	20020911

OTHER SOURCE(S): MARPAT 140:235614
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB New 4-[3-(Quinol-4-yl)propyl]piperidine derivs. I are disclosed [wherein R1 = H or F; R2 = COOH, CH2CO2H, CH2OH; R3 = C1-6 alkyl substituted by: (un)substituted SPh [which can include 1-4 substituents chosen from halo, OH, alkyl, alkoxy, CF3, CF3O, CO2H, alkyloxycarbonyl, cyano, or NH2], by 3- to 7-membered cycloalkylthio, or by 5- to 6-membered aromatic heterocyclylthio comprising 1-4 N/O/S atoms and optionally substituted by halo, OH, alkyl, alkoxy, CF3, CF3O, oxo, COOH, alkyloxycarbonyl, cyano, or NH2; or R3 = propargyl substituted by: Ph [which can include 1-4 substituents chosen from halo, OH, alkyl, alkoxy, CF3, CF3O, CO2H, alkyloxycarbonyl, cyano, or NH2], by cycloalkyl containing 3 -7 members, or by 5- to 6-membered aromatic heterocyclyl with 1-4 N/O/S atoms [and (un)substituted by halo, OH, alkyl, alkoxy, CF3, CF3O, oxo, COOH, alkyloxycarbonyl, cyano, or NH2]; R4 = C1-6 alkyl, alkenyl-CH2, or alkynyl-CH2 (alkenyls or alkynyls comprise 2-6 C atoms), cycloalkyl, or cycloalkylalkyl (cycloalkyls comprises 3-8 C atoms); including enantiomeric and diastereoisomeric forms, mixts. thereof, and salts thereof]. The novel derivs. are particularly interesting as antimicrobial agents. Five synthetic examples are given. For example, II was prepared by N-alkylation of III (preparation given) with 2-[(2-bromoethyl)sulfanyl]-1,4-difluorobenzene, followed by acidic hydrolysis. Compds. I were active against exptl. infections of mice by Staphylococcus aureus IP 8203 at 12-150 mg/kg s.c., and at 26-150 mg/kg orally. None of the compds. showed toxicity in mice at 100 mg/kg s.c. (2 administrations).

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:203173 CAPLUS
DOCUMENT NUMBER: 140:253457
TITLE: Quinolyl propyl piperidine derivatives, the preparation thereof and compositions containing same, useful as antimicrobials
INVENTOR(S): Bacque, Eric; Bigot, Antony; El Ahmad, Youssef; Malleron, Jean Luc; Mignani, Serge; Ronan, Baptiste; Tabart, Michel; Viviani, Fabrice
PATENT ASSIGNEE(S): Aventis Pharma SA, Fr.
SOURCE: Fr. Demande, 96 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2844268	A1	20040312	FR 2002-11213	20020911
FR 2844268	B1	20041022		
WO 2004024713	A1	20040325	WO 2003-FR2687	20030910
W: AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RO, SC, SG, SY, TN, TT, UA, UZ, VC, VN, YU, ZA				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004082610	A1	20040429	US 2003-659095	20030910
US 6841562	B2	20050111		

PRIORITY APPLN. INFO.: FR 2002-11213 A 20020911
OTHER SOURCE(S): MARPAT 140:253457
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB New 4-[3-(Quinol-4-yl)propyl]piperidine derivs. I are disclosed [wherein R1a = H, halo, OH, NH2, alkylamino, dialkylamino, hydroxyamino, alkoxyamino, or alkylalkoxyamino; R1b = H, or R1aR1b = oxo; R2 = COOH, CH2CO2H, CH2OH; R3 = C1-6 alkyl substituted by: (un)substituted SPh [which can include 1-4 substituents chosen from halo, OH, alkyl, alkoxy, CF3, CF3O, CO2H, alkyloxycarbonyl, cyano, or NH2], by 3- to 7-membered cycloalkylthio, or by 5- to 6-membered aromatic heterocyclylthio comprising 1-4 N/O/S atoms and optionally substituted by halo, OH, alkyl, alkoxy, CF3, CF3O, COOH, alkyloxycarbonyl, cyano, or NH2; or R3 = propargyl substituted by: Ph [which can include 1-4 substituents chosen from halo, OH, alkyl, alkoxy, CF3, CF3O, CO2H, alkyloxycarbonyl, cyano, or NH2], by cycloalkyl containing 3 -7 members, or by 5- to 6-membered aromatic heterocyclyl with 1-4 N/O/S atoms [and (un)substituted by halo, OH, alkyl, alkoxy, CF3, CF3O, COOH, alkyloxycarbonyl, cyano, or NH2]; R4 = C1-6 alkyl, alkenyl-CH2, or alkynyl-CH2 (alkenyls or alkynyls comprise 2-6 C atoms), cycloalkyl, or cycloalkylalkyl (cycloalkyls comprises 3-8 C atoms); including various isomers, enantiomeric and diastereoisomeric forms, mixts. and salts thereof]. The novel derivs. are particularly interesting

as antimicrobial agents. Two synthetic examples are given. For example, II was prepared by alkylation of III•HCl (preparation given) with 2-(bromoethylsulfanyl)thiophene, followed by basic hydrolysis. In vivo, compds. I were active against exptl. infections of mice by Staphylococcus aureus IP 8203 at 12-150 mg/kg s.c., and at 26-150 mg/kg orally. None of the compds. showed toxicity in mice at 100 mg/kg s.c.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:80192 CAPLUS
DOCUMENT NUMBER: 140:146015
TITLE: Preparation of quinolylpropylpiperidines as antimicrobial agents
INVENTOR(S): Bacque, Eric; Malleron, Jean Luc; Mignani, Serge; Tabart, Michel
PATENT ASSIGNEE(S): Aventis Pharma SA, Fr.
SOURCE: Fr. Demande, 39 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2842807	A1	20040130	FR 2002-9334	20020723
US 2004058919	A1	20040325	US 2003-622655	20030718
US 6806277	B2	20041019		
WO 2004011454	A2	20040205	WO 2003-FR2306	20030722
WO 2004011454	A3	20040408		

W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG, SK, TN, TT, UA, UZ, VC, VN, YU, ZA
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: FR 2002-9334 A 20020723
OTHER SOURCE(S): MARPAT 140:146015
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein R1 = alkyl/dialkyl/hydroxy/alkyloxy/ alkyl alkyloxy/amino; R2 = carboxy, carboxymethyl, hydroxymethyl; R3 = (un)substituted alkyl, propargyl; R4 = alkyl, alkenyl-CH2 -, alkynyl-CH2-, cycloalkyl, cycloalkylalkyl; diastereoisomeric forms, mixts. thereof, cis or trans forms, and their salts] were prepared as antimicrobial agents. Two synthetic examples are given. For example, II was prepd in 7 steps from olefin III by oxidation with NaMnO4 to the acid concomitant with N-BOC-protection, esterification, followed by BOC deprotection, N-alkylation with propargylic alc., reaction of the resulting alkyne with 1-bromo-2,3,5-trifluorobenzene, oximation, reduction of the oxime, and hydrolysis of the ester. I were active against exptl. infections of mice by Staphylococcus aureus IP8203 at 65 mg/kg s.c., and at 70 mg/kg orally. None of the compds. showed acute toxicity in mice at 100 mg/kg s.c. (2 administrations).

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

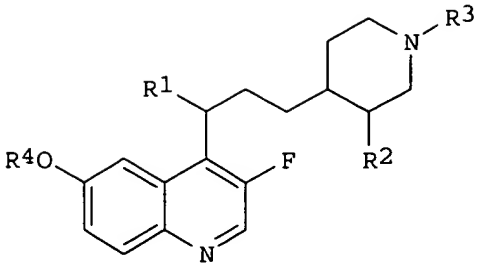
L3 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:716269 CAPLUS
DOCUMENT NUMBER: 137:232568
TITLE: Quinolyl propyl piperidine derivatives, the preparation thereof and compositions containing same, useful as antimicrobials
INVENTOR(S): Bacque, Eric; Mignani, Serge; Malleron, Jean-Luc; Tabart, Michel; Evers, Michel; Viviani, Fabrice; El-Ahmad, Youssef; Mutti, Stephane; Daubie, Christophe
PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002072572	A1	20020919	WO 2002-FR851	20020311
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2822154	A1	20020920	FR 2001-3374	20010313
CA 2440067	AA	20020919	CA 2002-2440067	20020311
EP 1370550	A1	20031217	EP 2002-722329	20020311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004523573	T2	20040805	JP 2002-571488	20020311
US 2002177606	A1	20021128	US 2002-96482	20020313
US 6602884	B2	20030805		
US 2003171369	A1	20030911	US 2003-387479	20030314
US 6815547	B2	20041109		

PRIORITY APPLN. INFO.:

FR 2001-3374	A	20010313
US 2001-281407P	P	20010405
WO 2002-FR851	W	20020311
US 2002-96482	A3	20020313

OTHER SOURCE(S): MARPAT 137:232568
GI



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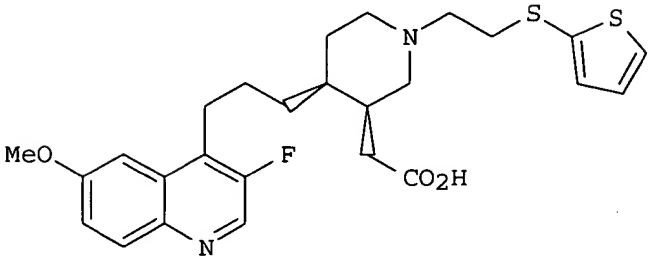


II

AB New 4-[3-(Quinol-4-yl)propyl]piperidine derivs. I are disclosed [wherein R1 = H, halo, OH, NH2, alkylamino, dialkylamino, hydroxyamino, alkoxyamino, or alkylalkoxyamino; R2 = COOH, CH2CO2H, CH2OH; R3 = C1-6 alkyl substituted by: (un)substituted SPh [which can include 1-4 substituents chosen from halo, OH, alkyl, alkoxy, CF3, CF3O, CO2H, alkyloxycarbonyl, cyano, or NH2], by 3- to 7-membered cycloalkylthio, or by 5- to 6-membered aromatic heterocyclylthio comprising 1-4 N/O/S atoms and optionally substituted by halo, OH, alkyl, alkoxy, CF3, CF3O, oxo, COOH, alkyloxycarbonyl, cyano, or NH2; or R3 = propargyl substituted by: Ph [which can include 1-4 substituents chosen from halo, OH, alkyl, alkoxy, CF3, CF3O, CO2H, alkyloxycarbonyl, cyano, or NH2], by cycloalkyl containing 3 -7 members, or by 5- to 6-membered aromatic heterocyclyl with 1-4 N/O/S atoms [and (un)substituted by halo, OH, alkyl, alkoxy, CF3, CF3O, oxo, COOH, alkyloxycarbonyl, cyano, or NH2]; R4 = C1-6 alkyl, alkenyl-CH2, or alkynyl-CH2- (alkenyls or alkynyls comprise 2-6 C atoms), cycloalkyl, or cycloalkylalkyl (cycloalkyls comprises 3-8 C atoms); including diastereoisomeric forms, mixts. thereof, cis or trans forms, and salts thereof]. The novel derivs. are particularly interesting as antimicrobial agents. Ten synthetic examples are given. For instance, Wittig reaction of 4(RS)-4-allyl-1-(benzyloxycarbonyl)piperidin-3-one with Ph3P:CHCO2Me gave a Z-isomeric exocyclic olefin, which underwent hydroboration at allyl and Pd-catalyzed coupling with 4-iodo-3-fluoro-6-methoxyquinoline, followed by hydrogenation of the olefin with concomitant N-deprotection, N-alkylation with 2-(2-bromoethylthio)thiophene, and saponification of the Me ester, to give the racemic title compound II.2HCl. Compds. I were active against exptl. infections of mice by Staphylococcus aureus IP 8203 at 12-150 mg/kg s.c., and at 26-150 mg/kg orally. None of the compds. showed toxicity in mice at 100 mg/kg s.c. (2 administrations).

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:265410 CAPLUS
DOCUMENT NUMBER: 134:280720
TITLE: Quinolylpropylpiperidines with antibacterial activity
INVENTOR(S): Malleron, Jean-Luc; Tabart, Michel; Carry, Jean-Christophe; Evers, Michel; El Ahmad, Youssef; Mignani, Serge; Viviani, Fabrice

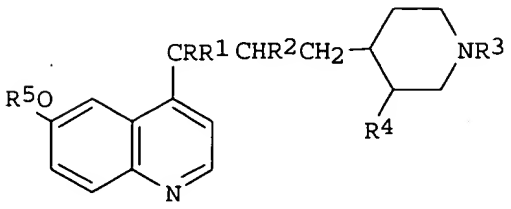
PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.
SOURCE: PCT Int. Appl., 305 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001025227	A2	20010412	WO 2000-FR2541	20000914
WO 2001025227	A3	20011122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2798656	A1	20010323	FR 1999-11679	19990917
FR 2798656	B1	20041217		
CA 2383836	AA	20010412	CA 2000-2383836	20000914
BR 2000014060	A	20020521	BR 2000-14060	20000914
EP 1218370	A2	20020703	EP 2000-962637	20000914
EP 1218370	B1	20041208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
EE 200200138	A	20030616	EE 2002-138	20000914
JP 2004527448	T2	20040909	JP 2001-528171	20000914
EP 1484328	A1	20041208	EP 2004-19136	20000914
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, LT, LV, FI, MK, CY				
AT 284399	E	20041215	AT 2000-962637	20000914
US 6403610	B1	20020611	US 2000-664959	20000918
NO 2002001253	A	20020424	NO 2002-1253	20020313
ZA 2002002073	A	20030613	ZA 2002-2073	20020313
BG 106524	A	20030131	BG 2002-106524	20020315

PRIORITY APPLN. INFO.:

FR 1999-11679	A	19990917
US 1999-162225P	P	19991029
EP 2000-962637	A3	20000914
WO 2000-FR2541	W	20000914

OTHER SOURCE(S): MARPAT 134:280720
GI



I

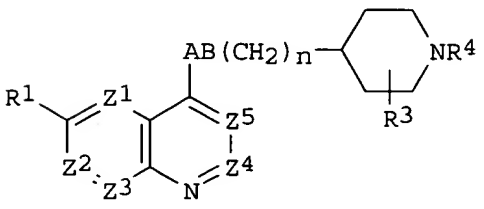
AB Title compds. I [R = H, halogen, OH; R1 = H or halogen when R = halogen; R2 = H; R1R2 = bond, R = H; R3 = (un)substituted alkyl, propargyl, cinnamyl, 4-phenyl-3-butenyl; R4 = (un)esterified CO2H, CH2CO2H, CH2CH2CO2H, CH2OH; R5 = alkyl, alkenyl, alkynyl] were prepared for use as

antibacterial agents (no data). Thus, (3R,4R)-4-[3-(6-methoxyquinolin-4-yl)propyl]-1-(3-phenylpropyl)piperidine-3-carboxylic acid was prepared from (3R,4R)-4-[3-(6-methoxyquinolin-4-yl)propyl]-3-vinylpiperidine by benzoylation, reaction with 1-bromo-3-phenylpropane, and ester hydrolysis.

L3 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:513687 CAPLUS
DOCUMENT NUMBER: 133:120244
TITLE: Preparation of piperidinylpropylquinolines and related compounds as protein tyrosine kinase inhibitors
INVENTOR(S): Davies, David Thomas; Henry, Caroline Joan; Pearson, Neil David
PATENT ASSIGNEE(S): Smithkline Beecham P.L.C., UK
SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000043383	A1	20000727	WO 2000-EP350	20000117
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1144404	A1	20011017	EP 2000-902605	20000117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002535323	T2	20021022	JP 2000-594799	20000117
PRIORITY APPLN. INFO.:			GB 1999-1236 A	19990120
			GB 1999-23936 A	19991008
			WO 2000-EP350 W	20000117

OTHER SOURCE(S): MARPAT 133:120244
GI



I

AB A method of treatment of bacterial infection comprises administration of title compds. [I; 1 of Z1-Z5 = N, CR1a, the remainder = CH; R1 = OH, (substituted) alkoxy, alkoxyalkyl, halo, alkyl, alkylthio, CF3, NO2, acyl, acyloxy, N3, etc.; R1a = H, R1; R3 = CO2H, alkoxycarbonyl, aminocarbonyl, cyano, tetrazolyl, oxooxazolidinyl, substituted alkyl, ethenyl, etc.; R4 = CH2R5; R5 = alkyl, hydroxyalkyl, alkoxyalkyl, alkanoyloxyalkyl, (substituted) phenylalkyl, etc.; n = 0-2; AB = NHCONH, NHCO2, or A = NR11, O, S, SO, SO2, CR6R7, B = NR11, O, S, SO, SO2, CR8R9; R6-R9 = H, SH,

alkylthio, halo, CF3, alkyl, etc.; R11 = H, CF3, alkyl, alkenyl, alkoxycarbonyl, alkylcarbonyl, etc.; with provisos]. Thus, 1-[3R,4R]-1-heptyl-3-(1-(R- or S)-hydroxy-2-cyanoethyl)-4-[3-(6-methoxyquinolin-4-yl)propyl]piperidine, prepared in several steps from quinine, showed min. inhibitory concns. of ≤1 μg/mL against a range of gram-pos. and gram-neg. bacteria.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:260265 CAPLUS

DOCUMENT NUMBER: 132:293679

TITLE: Preparation of naphthyridines and their azaisosteric analogues as antibacterials

INVENTOR(S): Hatton, Ian Keith; Pearson, Neil David

PATENT ASSIGNEE(S): Smithkline Beecham P.L.C., UK

SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000021948	A1	20000420	WO 1999-GB3366	19991011
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9961146	A1	20000501	AU 1999-61146	19991011
EP 1127057	A1	20010829	EP 1999-947781	19991011
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002527431	T2	20020827	JP 2000-575854	19991011
US 2003212084	A1	20031113	US 2001-32403	20011220
PRIORITY APPLN. INFO.:			GB 1998-22450	A 19981014
			WO 1999-GB3366	W 19991011
			US 2000-807275	B1 20000508

OTHER SOURCE(S): MARPAT 132:293679

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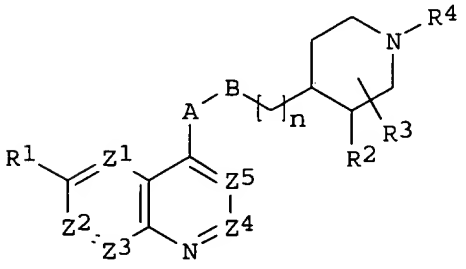

I

AB The title compds. [I; one of Z1-Z5 = N and the remainder are CH; R1 = H, OH, alkoxy, etc.; either R2 = H, and R3 is in the 2- or 3-position and is H, alkyl, alkenyl, etc.; or R3 is in the 3-position and R2 and R3 together

are a divalent :CR6R7 (wherein R6 and R7 = H, alkyl, alkenyl, etc.); R4 = CH2R5 (R5 = alkyl, hydroxyalkyl, alkoxyalkyl, etc.); n = 0-2; A, B = NR8, O, SOx, etc.; x = 0-2; R8 = H, CF3, alkyl, etc.] and their pharmaceutically acceptable derivs., useful in the treatment of bacterial infections in mammals, particularly in man, were prepared E.g., a multi-step synthesis of (3R,4S)-I [Z1-Z4 = CH; Z5 = N; R1 = OMe; A = N(Me); B = CH2; n = 1; R2 = CH:CH2; R3 = H; R4 = n-heptyl] which showed MIC of 0.5 μg/mL against S. aureus Oxford, M. catarrhalis Ravasio and S: pneumoniae, was given.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT